

IBE-261A

COMPACT ENERGY
STORAGE INTEGRATION FOR
GREENER FUTURE



■ High Integration

- All-in-one design with battery, PCS, EMS, fire and distribution.
- Ready for standalone, solar-storage-charging and microgrid.
- Scalable with multi-cabinet parallel expansion.

■ Extreme Safety

- Triple-layer fire protection: PACK flooding, aerosol, water.
- Smart BMS monitoring with proactive warning.
- IP54 and C5 protection for harsh environments.

■ High Efficiency

- $\geq 90\%$ efficiency for higher ROI
- Liquid cooling extends battery life and reduces energy loss
- Deep PCS-battery integration for stable conversion

■ Smart O&M

- Cloud connectivity for remote monitoring
- Modular design for fast, easy maintenance
- Real-time data visualization for transparent revenue



SYSTEM DATA

Cell Type	LFP 3.2V/314Ah
Configuration	260S1P
Battery capacity	261kWh
AC rated power	125kW
Maximum system efficiency	≥90%
Depth Of Discharge	80% DOD
Communication interface	RJ45/CAN/LAN
Number of cycles	≥8000 Cycles
System protection level	IP54
Working temperature	-20°C~55°C
Working humidity	≤ 95%RH
Noise	< 70db
Altitude	≤2000m
Thermal management methods	Liquid cooling (battery)
Certification	IEC61000 / IEC62619 / IEC62477 / UN38.3

DC SIDE PARAMETERS

DC voltage range	650 ~949 V
DC rated voltage	832V
Rated current	157A

MECHANICAL PARAMETER

Dimensions (W*H*D)	980mm × 1330mm × 2251.5 mm
Total Weight	2500Kg

AC SIDE PARAMETERS

AC rated power	125kW
Overload capacity	1.1 long term, 1.2x for 1 min
Rated grid voltage	380V
Power factor	-0.99 ~ +0.99
Access method	3L+N+PE

